

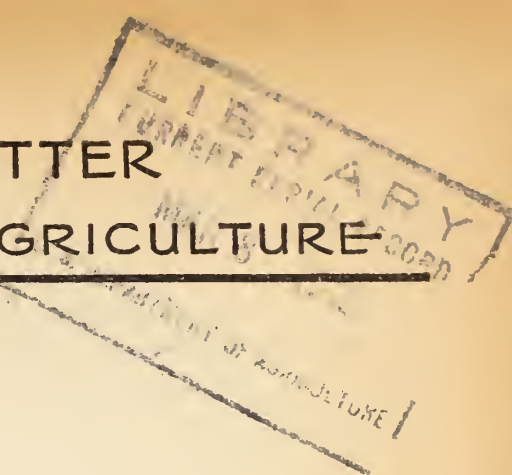
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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



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NEW BOOKS

EXPLORING OUR NATIONAL PARKS AND MONUMENTS, by D. Butcher. 160 p. New York, Oxford University Press 1947. 98.6 B97

This book has been prepared under the auspices of the National Park Association to enable visitors to enjoy the parks and monuments to the fullest, and to give prospective visitors the kind of information that will help them plan their vacations intelligently. An ideal guide book.

THE GREAT FOREST by R.G. Lillard. 399 p. New York, A.A. Knopf. 1947. 99.04 L62

The story of what happened to the great forest that once covered large sections of the United States reaches into every part of our national history and illuminates nearly aspect of our daily life. A book you will enjoy that gives account of lands described by explorers, destruction of trees, migration and the growth of conservation reforestation policy.

THE INDIANS OF THE AMERICAS by John Collier. 326 p. New York, Norton. 1947 446 C69.

A record of the Indians from prehistoric times to modern times and a history of Indian-White relations. The different Indian policies developed under Spanish and American rule are contrasted and current trends noted. It is far more than a historical survey of a glamorous past. It is a spiritual adventure in understanding a way of life that has persisted for twenty thousand years in the face of relentless persecution. The Indians are the oldest inhabitants of the hemisphere and Mr. Collier believes they have a vital message to give to the rest of the world and he sets it forth in this book.

"The Spanish scholar, the better to exalt the arts and the other cultural goods Spain brought to the New World, has soon fit to cry down the Indian splendors and to tear out, or explain away, many a dark page in the Imperial record. Mr. Collier, former United States Commissioner Of Indian Affairs, brings a deep knowledge of the North American Indian, a record as an able and zealous crusader on behalf of their tribal societies to survive. The reader will find food for thought in this comparison of societies when under pressure, and in the words of Collier, "to guard the valid old and build the valid new!" He brings too, something harder to define, which gives emotional intensity to his pages; an experience of personal crisis while living in an Indian Pueblo" ---- Herald Tribune Weekly Book Review.

LAND ECONOMICS by R.R. Renne. 736 p. New York, Harper, 1947. 282 R29.

Climate, land forms and natural resources combine to make up the physical environment within which man exists. Land has certain unique characteristics which distinguish it from other major factors of production and which cause its users to respond in special ways to the stimulation of price shifts or institutional changes. A book you will enjoy on the methods of using land and its share in the national income.

Dr. Renne is a recognized authority on land economics. Beginning with a section which provides the background and perspective necessary to the understanding and appreciation of land economics, the author discusses in detail the major land uses. He covers agricultural, forest, recreational and urban land, mineral and water resources and transportation. He then takes up the major land use problems: tenure and tenancy, valuation and credit, taxation, and the conservation of land resources. He analyzes policies and programs for solving these problems. Attention throughout is focused on the economic and social problems associated with land utilization.

MANAGING SMALL WOODLANDS, A GUIDE TO GOOD AND PROFITABLE USE OF FOREST LAND by A.M. Koroleff. 72 p. Washington, D.C. The American Forestry Association. 1947. 99.55 K842.

Forestry, or forest management means efficient handling and profitable use of the forest. It seeks to make use of the full capacity of the soil to grow trees continuously for the production of wood or other forest products for the needs of people. Woodland management deals with growing, protecting, and harvesting the forest, and the main requirement for profitable management of a forest is intelligent understanding of its growth and life.

ALL ENGINEERS CONFERENCE. PROCEEDINGS, 1947. University of New Mexico, Publication in Engineering. No. 3. 193 p. Albuquerque, N.M.

PERSONNEL MEETING. December 1-5, 1947. Biloxi, Mississippi. U.S. Department of Agriculture., Office of Personnel.. Washington, D.C.

"No one in this country has a greater stake in the vigorous development of atomic energy, and the consequent increase in knowledge of the fundamental laws of Nature, than you who day after day work more closely with Nature--the farmers of America. Trained as are no other group of men in the discipline of understanding and working with and through natural forces, endowed by the very nature of your calling with both persistence and patience, you American farmers are uniquely qualified to play a leading part in realizing the beneficial possibilities of this new force." --David E. Lilienthal

ATOMIC RESEARCH AND THE FARMER. A packet containing pamphlets and periodical references. The library has assembled this information for you. Write for this packet on the above subject.

NEW BULLETINS AND PAMPHLETS

AGRICULTURAL ECONOMICS

COSTS AND LABOR USED IN HARVESTING HAY; 204 Pennsylvania Farms 1945. Pa. Exp. Sta. Bul. 490. 58p. 1947. 100 P381.

COSTS OF ALMOND PRODUCTION IN CALIFORNIA. Calif. Exp. Sta. Circ. 375. Jan. 1948 100 C12Sc.

EARLY MARKETING OF RANGE CATTLE PAYS. USDA AIS 66. 9 p. 1 Ag84ai

THE EFFECT OF PRICE LEVEL FLUCTUATION ON THE RELATIVE COST OF MECHANICAL AND ANIMAL POWER. La. Exp. Sta. Mimeo. Circ. 69. 10 p. 1946. 100 L935

FATHER AND SON FARM BUSINESS AGREEMENTS. Pa. Agr. Exp. Sta. Bul. 492. 40p. Jan. 1948. 100 P381

MARKETING MARGINS AND COSTS FOR DAIRY PRODUCTS. USDA Tech. Bul. 936. 82 p. 1946. 1 Ag84Te.

MECHANIZATION OF SMALL FARMS. La. Exp. Sta. Mimeo. Circ. 68. 18p. 100 L935

BEEES

BEEKEEPING IN CALIFORNIA. Calif. Exp. Sta. Circ. 100. 95 p. rev. 1947. 275.29 C12C

INFORMATION ABOUT BEE CULTURE. BE&PQ. E-276. rev. May 1947. 10p. 1.9 En83

FEEDS AND FEEDING

FEEDING VALUE OF SUGAR-BEET BY-PRODUCTS. Calif. Exp. Sta. Bul. 702 24p. Oct. 1947. 100 C12Sb

NUTRITIONAL QUALITIES OF RANGE FORAGE PLANTS IN RELATION TO GRAZING WITH BEEF CATTLE ON SOUTHERN PLAINS. EXPERIMENTAL RANGE. USDA Tech, Bul. 943. 61p. December 1947. 1 Ag84Te

RELATION BETWEEN URINARY CALCULI AND USE OF GRAIN SORGHUM IN STEER-FATTENING RATIONS IN THE SOUTHERN GREAT PLAINS. USDA Tech, Bul. 945. 14p. November 1947. 1 Ag84Te

RELATIVE MILK PRODUCTION OF COWS IN PEN BARNES AND STANCHION BARNES. USDA Circ. 763. 7p. November 1947. 1 Ag84C

INSECTICIDES

ANALYSES OF MATERIALS SOLD AS INSECTICIDES AND FUNGICIDES DURING 1946. N.J. Agr. Exp. Sta. Inspection Series. 25. 11p. 1947. 100 N58Sis.

EFFECT ON PLANTS OF DDT APPLIED TO SOIL FOR THE DESTRUCTION OF JAPANESE BEETLE LARVAE. BE&PQ E-737. December 1947. 1.9 En83

EQUIPMENT FOR THE DISPERSAL OF DDT INSECTICIDES BY MEANS OF AIRCRAFT. BE&PQ ET-228. May 1947. 17 p. with plates and figures. 1.9 En83

A MOTORIZED ASPIRATOR. BE&PQ ET-244. 2p. Sept. 1947. 1.9 En83.

RESULTS OF SCREENING TESTS WITH MATERIALS EVALUATED AS INSECTICIDES, MITICIDES, AND REPELLENTS AT THE ORLANDO, FLA., LABORATORY, APRIL 1942 TO APRIL 1947. BE&PQ E-733. 235ps. Sept. 1947. 1.9 En83

PRELIMINARY TESTS OF SYNTHETIC ORGANIC COMPOUNDS AS INSECTICIDES. PART II. BE&PQ E-738. 12p. December 1947. 1.9 En83

THE USE OF DISINFECTANTS ON THE FARM. Farmers' Bul. 1991. 17p. 1947. 1 Ag84F

LANDSCAPING

LANDSCAPING HOME GROUNDS. Okla. Ext. Ser. Circ. 456. 48 p. 275.29 OK41C

METHODS OF LAWN IMPROVEMENT. Neb. Ext. Ser. Circ. 126. 8p. 1947. 275.29 N272Ex

POULTRY

AUTOMATIC POULTRY WATERER, SAVES TIME. Mo. Ext. Circ. 545. 4p. June 1947. 275.29 M69C

A BROODER HOUSE FOR 250 TO 350 CHICKS. Pa. Ext. Ser. Circ. 306. 8p. April 1947. 275.29 P38c

EGGS AND CHICKENS, SITUATION IN CALIFORNIA, 1947. Calif. Ext. Ser. Circ. 374. 24p. December 1947. 275.29 C12C

POULTRY POINTERS. Wash. Ext. Bul. 362. 20p. March 1947. 275.29 W27B

SO YOU'RE GOING TO RAISE CHICKENS. N.M. Exp. Sta. Bul. 339. 19p. October 1947. 100 N46Sb

SOILS AND FERTILIZERS

ACID SOILS IN OKLAHOMA, WHERE THEY ARE LOCATED AND HOW THEY FORM. Okla. Exp. Sta. Bul. 313. 29p. November 1947. 100 OK4b

CROP ADAPTATION TO SOILS OF VARYING ACIDITY OR ALKALINITY. Okla. Exp. Sta. Bul. 316. 15p. December 1947. 100 OK4b.

EFFECT OF FERTILIZERS ON SOIL ACIDITY AND ALKALINITY. Okla. Exp. Sta. Bul. 312. 11p. November 1947. 100 OK4b

FERTILIZER HANDBOOK FOR ARIZONA FARMERS. Ariz. Exp. Sta. Bul. 209. 37p. Sept. 1947. 100 Ar4b

INSPECTION OF COMMERCIAL FERTILIZERS. Ind. Exp. Sta. Circ. 327. 80 p. 100 In2p

NITROGEN ON PASTURES. NC. Exp. Sta. Agronomy Inf. Circ. 141. 1946.

OPTIMUM SOIL-NITRATE LEVELS FOR CELERY, CARROTS, SPINACH, ONIONS, AND BEETS AT DIFFERENT GROWTH LEVELS. R.I. Exp. Sta. Bul. 300. 27 p. June 1947.
100 R34sb

SOIL REACTION AND AVAILABILITY OF PLANT NUTRIENTS. Okla. Exp. Sta. Bul. 315. 11p. November 1947. Ok4b.

SOIL CONSERVATION

BASIC PRINCIPLES UNDERLYING THE WORK OF THE SOIL CONSERVATION SERVICE OF THE U.S. DEPARTMENT OF AGRICULTURE. 13 p. 1.96 Ad6Bas

PERMANENT CONSERVATION FOR ALL OUR LAND. Address by Hugh H. Bennett. SCS 12p. 1.96 Ad62.

SOIL EROSION STUDIES - PART I; APPROACH TO THE PROBLEM, by W.D. Ellsion. SCS Washington, D.C. 5p. 1.96 R31Soc

TERRACING FOR EROSION CONTROL. Mo. Exp. Sta. Bul. 507. 47 p. July 1947. 100 M693b

VISUAL AND AUDITORY AIDS FOR TEACHING CONSERVATION, by C.W. Mattison. U.S. Forest Service. Washington, D.C. 4p. 1.962 A2V82

WATER CONSERVATION

EVAPORATION FROM WATER SURFACES IN CALIFORNIA. Calif. Dept. of Public Works. Div. of Water Resources. Bul. 54. 68p. 1947. 290.9 C132

DESIRABLE PRINCIPLES OF STATE WATER LEGISLATION. National Reclamation Association. Washington, D.C. 128 p. 1946.

LEGAL STATUS OF NEW MEXICO DRAINAGE BASINS. SCS Albuquerque, N.M. # 4116 December 1947.

MISCELLANEOUS

ARIZONA AGRICULTURE 1948. Ariz. Exp. Sta. Bul. 211. (includes a map of irrigated areas in Arizona) 18p. Jan. 1948. 100 Ar4B.

ASPEN PROPERTIES AND USES. Lake States Aspen Rept. No. 1. 9 p. May 1947. 1.9622 L2L14

CHOOSING LIVING ROOM FURNITURE. Vt. Ext. Brieflet. 773. 10p. September 1947. 275.29 V59E.

CHOOSING WALL FINISHES FOR THE HOME. Vt. Ext. Brieflet 446. 4 p. rev. 1947. 275.29 V59E.

CONTROLLING MESQUITE WITH DIESEL OIL. Southwestern Forest & Range Exp. Sta. Research note. 1115. 4p. October 1947. 1.9 F7621R.

EARTHWORM CULTURE by Henry Hopp. SCS Washington, D.C. 6 p. 1.96 Ad6Ea.

- EARTHWORMS IN RELATION TO FARMING: AN UNSOLVED PROBLEM by Henry Hopp. SCS
Washington, D.C. 7 p.
- THE FARM WOODLAND: SUBJECT MATERIAL FOR IN-SERVICE TRAINING. 36 p. SCS, Washington
D.C. 1947. 1.96 Op2Far
- FREEZE MEAT AND POULTRY. Pa. Ext. Ser. Circ. 304. 16p. 1947. 275.29 P38C
- GROWING TURKEYS. Cornell Ext. Bul. 717. May 1947. 88 p. 275.29 N48E
- GRAIN SORGHUM STORAGE. USDA Circ. 760. 48 p. November 1947. 1 Ag84C
- HELPING CONSERVATION EDUCATION, BY C.W. Mattison. 2 p. Washington, U.S. Forest
Service, 1947.
- IRRIGATION WELL MEASUREMENTS ON THE HIGH PLAINS OF TEXAS. Texas Exp. Sta.
Progress Rept. 1039. 2 p. 1947. 100 T31Pr
- MARFED WHEAT. Wash. Exp. Sta. Bul. 485. 8p. March 1947. 100 W27Eb.
- THE NATIONAL POULTRY IMPROVEMENT PLAN. USDA Misc. Pub. 300. rev. 1947.
32 p. 1 Ag84M
- PERFORMANCE TESTS OF CORN VARIETIES AND HYBRIDS, 1947. Okla. Exp. Sta. Bul.
317. 30p. December 1947. 100 Ok4b
- PRESERVATIVE TREATMENT OF FENCE POSTS AND OTHER STRUCTURAL MATERIALS. Conn. Exp.
Sta. Bul. 509. 19p. July 1947. 100 C76Stb
- PRODUCTION OF SPINACH. USDA Leaflet. 128. rev. Jan. 1948. 8 p. 1 Ag84L.
- RESEARCH FOR THE FARMER. R.I. Exp. Sta. Contribution 703 (59th annual report)
56p. May 1947. 100 R34Sc
- TEXAS RESCUE 46 IS A BETTER STRAIN OF RESCUE GRASS. Texas Exp. Sta. Progress Rpt.
1094. 3 p. 1947. 100 T31Pr
- TREES AND TREE PLANTING FOR POSTS, WINDBREAKERS, AND EROSION CONTROL. Okla. Exp.
Sta. Bul. 314. 22p. 1947. 100 Ok4b.
- USE AND CARE OF PLASTIC FABRICS. Vt. Ext. Ser. Brieflet. 772. 6p. August 1947.
275.29 V59E.
- WHAT'S NEW IN OKLAHOMA AGRICULTURE. List no. 15. January 1948. Abstract of
now publications... Oklahoma Experiment Station and Extension Service.

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by Frances J. Flick. Library List no. 40. USDA Library. 154 p. 1948.
1.916 L612

